



SMART CORNER SYSTEM

FOR PORCELAIN VENEERS AND PORCELAIN BRICKS

 **LANDMARK**
CERAMICS

SMART CORNER SYSTEM



ALL AROUND SOLUTION

Smart Corner is a **revolutionary system** designed and manufactured by Landmark Ceramics to tackle the issue of **covering corners** and **making easy to install** Porcelain Veneers and Bricks on any kind of support.



RENEWED TRADITION

Smart Corner is born from the traditional processing of ceramic 45 degree miter cut, also known as "Jolly", **for internal and external applications**. Smart Corner was adapted to the specific needs of outdoor and indoor wall installation for Veneers and Bricks.



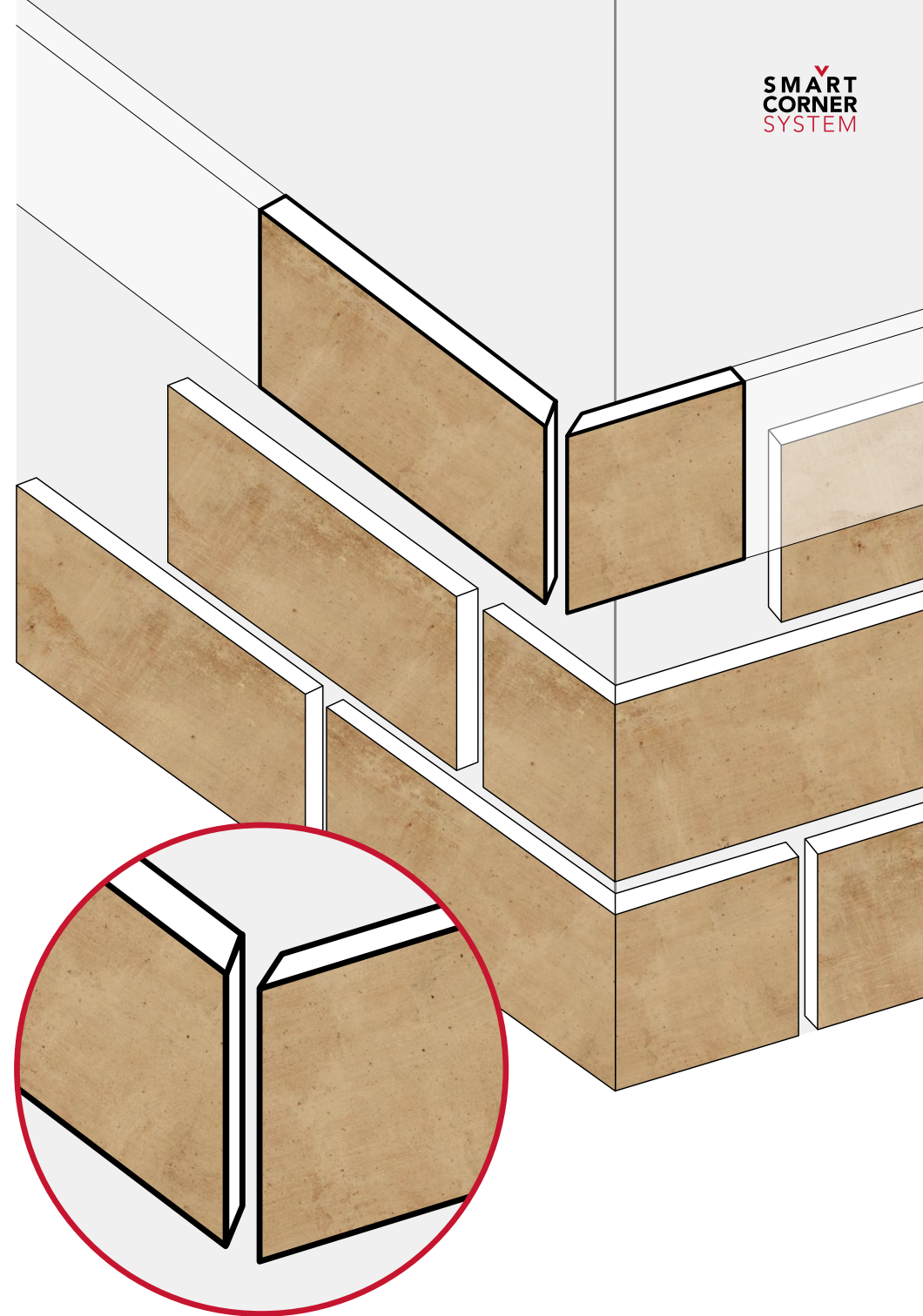
EASE OF MIND

Smart Corner **is easy to use and practical to apply** following standard installation procedures for Porcelain Veneers or Bricks.



THE SYSTEM

Smart Corner is comprised of a **two-piece set with special 45 degree miter cuts on both sides**, to easily connect surfaces on any corner.



EVERYWHERE, EFFORTLESSLY



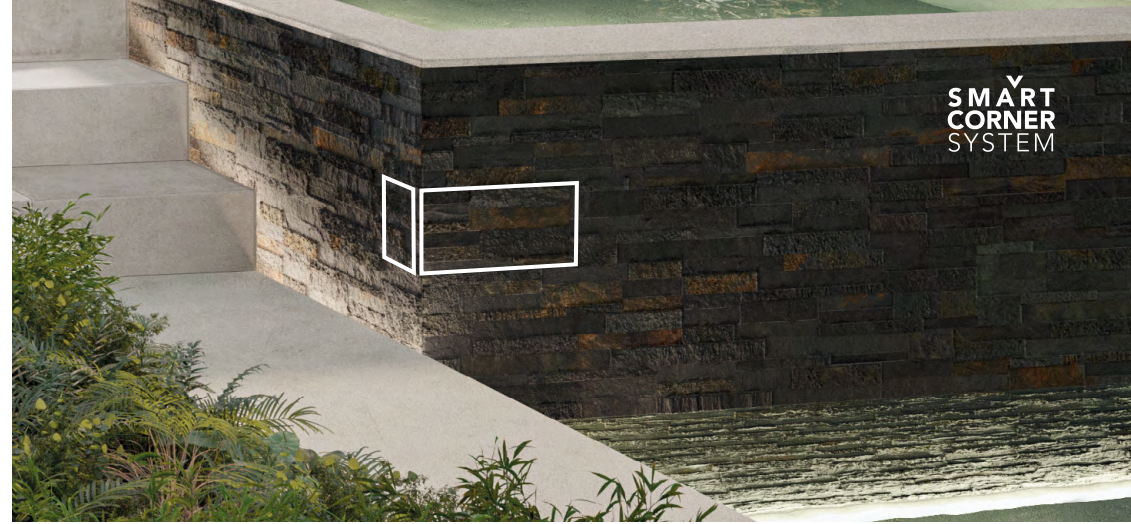
Smart Corner is the **ideal solution for every out-of-square wall**. It is the perfect choice to work on corners, regardless of their angles, **simply by opening or closing the two-piece set**.



Smart Corner is **made of porcelain, a very easy to cut material** if using appropriate tools such as a water saw cutter.



Smart Corner **does not crack** and is a reliable solution, even in the event of gradual house movements resulting in small joint openings over time. **Simply fill them up with outdoor grout specific for porcelain.**



HIGHLY PERFORMING TECHNICAL SURFACES

WATERPROOF, FIRE & FROST RESISTANT

High quality porcelain is **waterproof** and **freeze resistant**. In addition, its color embedded surface, fired at **2500° F** during the manufacturing process, won't suffer discoloring.

UV RESISTANT

Smart Corner is fired at 2500 degrees which allows it to **resist to sun light and UV rays** without being effected in any way, even when exposed to the worst solar heat conditions.

PLASTIC FREE

Being composed of **natural ingredients** such as clays, quartz and feldspars and then fired up to 2500 F, Smart Corner is 100% plastic free. This means a healthier living environment.

LESS WEIGHT ON WALLS APPROX 4 LBS/FT²

Smart Corner is a thin and therefore **light weight material** of approximately 4lbs/sqft. This means both less unnecessary pounds onto walls and cost saving in transportation and installation.

ZERO FORMALDEHYDE

Formaldehyde is known to lead to an increased incidence of asthma. Tile has **zero formaldehyde**.

VERY LONG SERVICE LIFE

Smart Corner when properly installed and maintained can **last for decades**.

STAIN RESISTANT

Smart Corner is impervious to stains thanks to its **impenetrable surface**, making it **easy to clean** with common domestic detergents.

COST SAVING OVER TIME

No need for sealers or protective films, thanks to the **timeless qualities** and low maintenance needs of highly performing porcelain.

MOLD RESISTANT

Because it is fired at very high temperatures, Smart Corner is nearly impenetrable. This keeps fine dirt particles from being lodged in its surface, making it resistant to **mold** and **moss growth**.

ECO FRIENDLY & RECYCLABLE

Smart Corner is one of the most **eco-friendly wall covering** options available. From the production process to the installed materials, Smart Corner can in fact be reused generation after generation. In addition, packaging and boxing are both 100% recyclable for a full respect of the environment.

ACID RESISTANT

Smart Corner is inert, hard and because of its imperviousness, it withstands even the most **aggressive chemical detergents** and **acid substances**.

ZERO ALLERGENES

Smart Corner is both hard and impervious therefore inhospitable to **dust mites, bacteria, fungi, mold** and **other irritants**.

ZERO VOC & PVC

Plastic and VOC **Free**.

DOESN'T BEND

Smart Corner is **solid, hard** and **compact**.

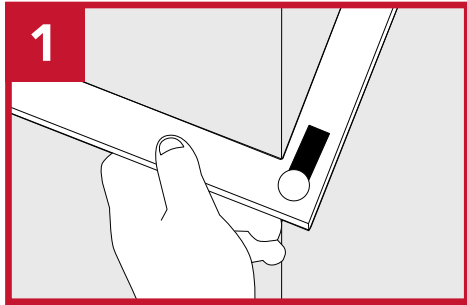
ZERO SMOKE DEVELOPMENT

Smart Corner **never gives off toxic fumes**, even when exposed to fire.

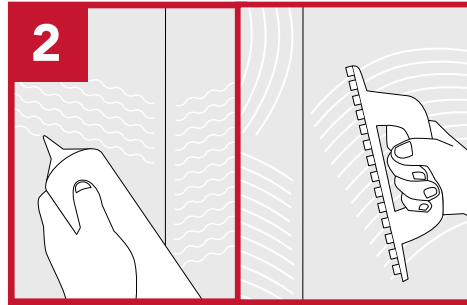
SCRATCH RESISTANT

Smart Corner is strong, hard and resistant to most type of **scratches**.

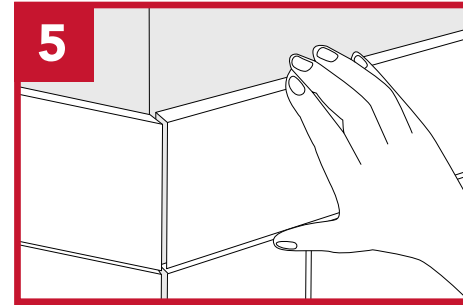
PORCELAIN VENEER SMART CORNER INSTALLATION INSTRUCTION^(*)



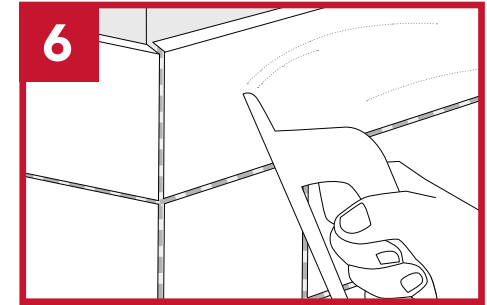
Measure the corner to get a better idea of its **shape** and **exact angle** (under or over 90 degrees).



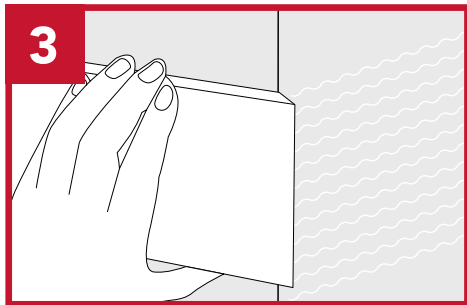
Apply adhesive on both sides of the corner. Make sure both to only use adhesive **specific for porcelain outdoor applications** and to comply with all installation requirements, depending on the type of substrate (**).



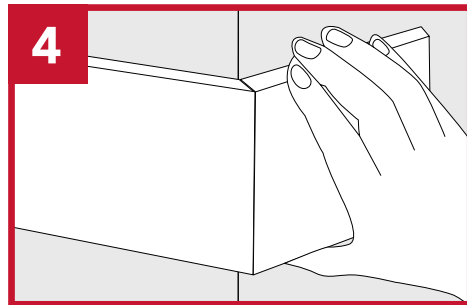
Keep moving up by **alternating long pieces to short pieces** to have a running bond installation. Then proceed installing porcelain Veneers along the walls.



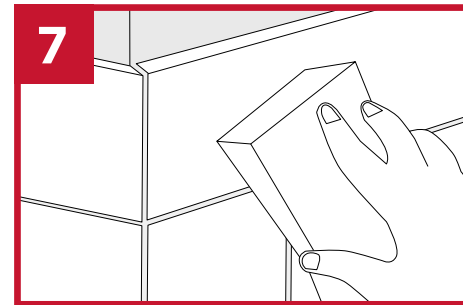
Once the whole Veneers installation is completed, **fill any opening** – should there be any – **with grout joints for outdoor porcelain**.



Place the first piece of the set on one side by keeping the miter cut close to the angle. Wiggle a little when **pushing the porcelain Veneer into the adhesive**.

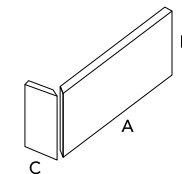


Place the **second piece of the kit keeping the miter cut close to the angle**, thus kissing the other miter cut on the other side of the corner or leaving a small joint to be filled with grout for outdoor porcelain.



Once the grout joints are dry, **clean with specific cleaner for porcelain** and rinse thoroughly. In case movements of the building cause a small vertical crack along the corner, just fill the crack with **new grout**.

Smart Corner^(***) Porcelain Veneer



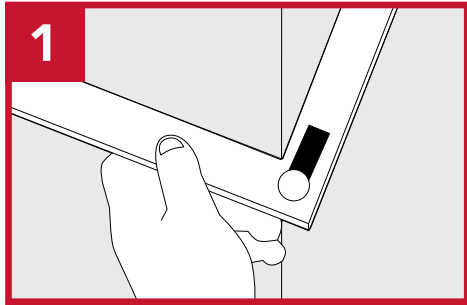
A = 20.5"
B = 6"
C = 2.75"

(*) these instructions just explain how to properly install the Smart Corner. Always refer to our porcelain Veneers installation guide, available at <https://outdoor.landmarkceramics.com> for a complete set of installation tips, recommendations and instructions.

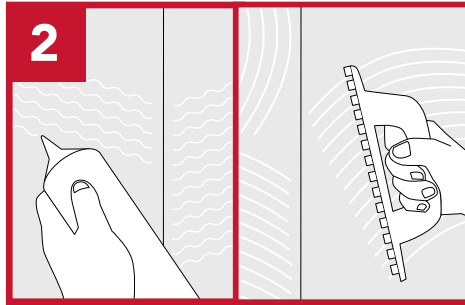
(**) for more information see our porcelain Veneers installation guide, available at <https://outdoor.landmarkceramics.com>

(***) Nominal size: 20.5"x5.8"x2.75"

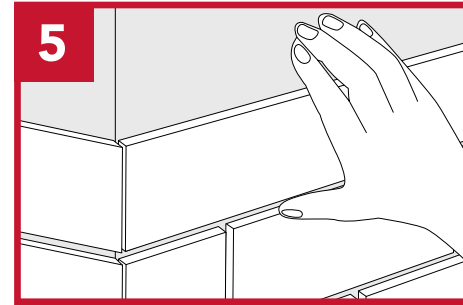
PORCELAIN BRICK SMART CORNER INSTALLATION INSTRUCTION^(*)



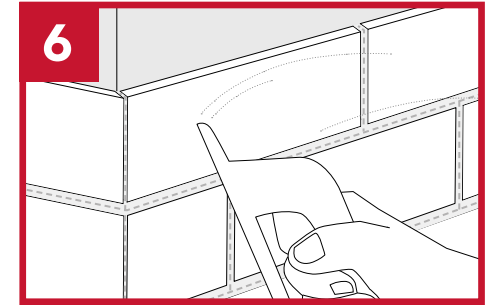
Measure the corner to get a better idea of its **shape** and **exact angle** (under or over 90 degrees).



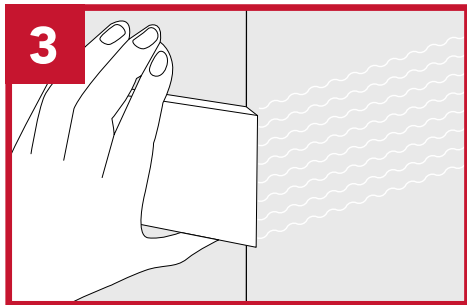
Apply adhesive on **both sides** of the corner. Make sure both to only use adhesive **specific for porcelain outdoor applications** and to comply with all installation requirements, depending on the type of substrate (**).



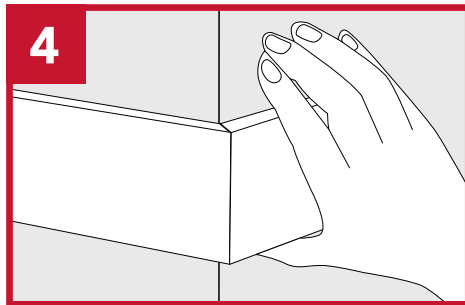
Keep moving up by **alternating long pieces to short pieces** to have a running bond installation. Make sure to space corners among each others with the **same joint size** to be used among the Bricks then. Once finished with corners, proceed installing porcelain Bricks along the walls.



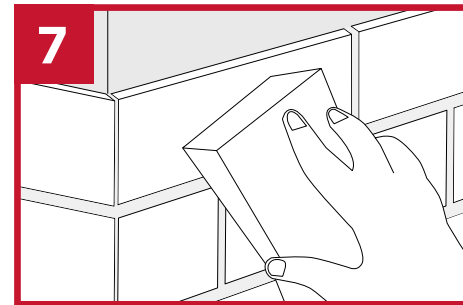
Once the whole Bricks installation is completed, **fill the joints with grout specific for outdoor porcelain.**



Place the **first piece of the set** on one side by keeping the miter cut close to the angle. Wiggle a little when **pushing the porcelain Brick into the adhesive.**

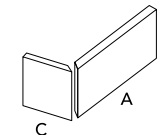


Place the **second piece of the kit** keeping the miter cut close to the **angle**, thus kissing the other miter cut on the other side of the corner or leaving a small joint to be filled with grout for outdoor porcelain.



Once the grout joints are dry, **clean with specific cleaner for porcelain** and rinse thoroughly. In case movements of the building cause a small vertical crack along the corner, just fill the crack with **new grout.**

Smart Corner^(*)**
Porcelain Brick



A = 11.65"
B = 3"
C = 3.75"

(*) these instructions just explain how to properly install the Smart Corner. Always refer to our porcelain Bricks installation guide, available at <https://outdoor.landmarkceramics.com> for a complete set of installation tips, recommendations and instructions.

(**) for more information see our porcelain Bricks installation guide, available at <https://outdoor.landmarkceramics.com>

(***) Nominal size: 11.65"x2.95"x3.75"

IMPORTANT INFORMATION

The Smart Corner System is made up of 2 pieces cut following the "Jolly" technique (obtained by cutting the side of the tile with a blade inclined 45 degrees from the surface of the tile itself).

If the two pieces of "Jolly" are made on products characterized by a particularly accentuated three-dimensional structure (such as in the case of porcelain veneers), these pieces, in correspondence with the edge cut at 45 degrees, will be characterized by a slightly jagged edge (see Figure 1).

This edge, which at first glance might seem like a cutting defect, is actually due to the three-dimensionality of the tile and is to be considered absolutely physiological, in order to ensure that the two pieces of "Jolly", once installed on the wall to form the smart corner, match as precisely as possible at the corner of the wall (see Figure 2).

To maximize beauty and naturality of the final result, please always remember, once the whole Veneers installation is completed, to fill any opening in correspondence of the corner of the wall – should there be any – with grout specific for outdoor porcelain.

The Smart Corner System is supplied in boxes containing each 10 units. Each unit is composed of two pieces, cut following the "Jolly" technique, ready to be installed on the wall to create the "Smart Corner".

Each unit is individually blistered and two pieces of cardboard are added (see Figure 3).

The combined utilization of the blister and the cardboard serves two main purposes:

1. **Protects the two pieces from impact** until it's time to lay them on the wall, in particular the two "Jollied" corners on each piece which should be handled with extreme care to avoid any sort of breakage.

2. **Keep the two pieces that make up each unit** together before laying them, avoiding potential mixing of pieces from different units during the installation phase. This way it will be possible to guarantee, once installed, continuity of graphic and three-dimensional structure on both sides adjacent to each corner, maximizing the beauty and naturality of the final result.

Because of this, it is **strongly recommended to pay close attention to not mix the pieces belonging to different units**. In order to do that, whenever possible, always open each blister containing each unit one at the time, while proceeding with the installation of the Smart Corners on the wall.



Figure 1

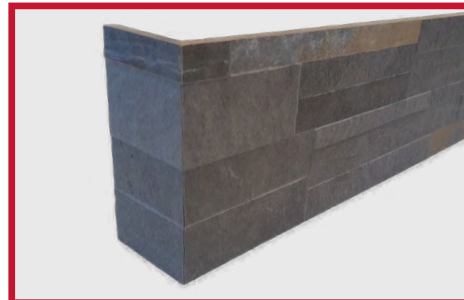


Figure 2

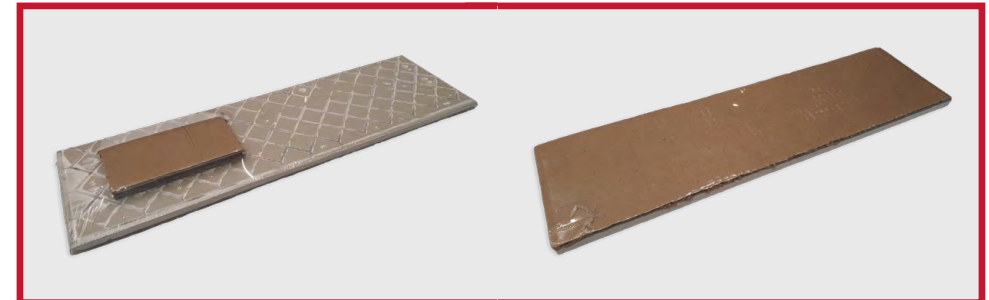


Figure 3



LANDMARK CERAMICS

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